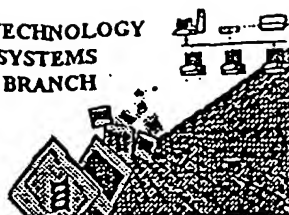


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/043,639B
Source: IFW/B
Date Processed by STIC: 1/04/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFW16

RAW SEQUENCE LISTING

DATE: 01/04/2005

PATENT APPLICATION: US/10/043,639B

TIME: 11:21:12

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Output Set: N:\CRF4\01042005\J043639B.raw

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 4 CROUX, CHRISTIAN
 5 SOUCAILLE, PHILIPPE
 7 <120> TITLE OF INVENTION: METHOD FOR PREPARING 1,3-PROPANEDIOL BY A RECOMBINANT
 8 MICRO-ORGANISM IN THE ABSENCE OF COENZYME B12 OR ONE OF
 9 ITS PRECURSORS
 11 <130> FILE REFERENCE: CHEP:004US
 13 <140> CURRENT APPLICATION NUMBER: 10/043,639B
 14 <141> CURRENT FILING DATE: 2002-01-09
 16 <150> PRIOR APPLICATION NUMBER: PCT/FR00/01981
 17 <151> PRIOR FILING DATE: 2000-07-07
 19 <150> PRIOR APPLICATION NUMBER: FR 99/08939
 20 <151> PRIOR FILING DATE: 1999-07-09
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Does Not Comply
Corrected Diskette Needed

pp 6-7

RAW SEQUENCE LISTING

DATE: 01/04/2005

PATENT APPLICATION: US/10/043,639B

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77 <213> ORGANISM: Clostridium butyricum

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RAW SEQUENCE LISTING

DATE: 01/04/2005

PATENT APPLICATION: US/10/043,639B

TIME: 11:21:12

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RAW SEQUENCE LISTING

DATE: 01/04/2005

PATENT APPLICATION: US/10/043,639B

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248 85 90 95
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251 100 105 110
253 Ser Lys Glu Lys Leu Lys Asp Val Phe Glu Tyr Trp Asn Gly Lys Thr
254 115 120 125
256 Thr Ser Glu Leu Ala Thr Ser Tyr Met Thr Glu Glu Thr Arg Glu Ala
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10/043,639B 6

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<212> DNA

<213> Artificial Sequence

needs explanation (see p. 7)

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34

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/043,639B

DATE: 01/04/2005
TIME: 11:21:13

Input Set : E:\CHEP004.APP.txt
Output Set: N:\CRF4\01042005\J043639B.raw

*error
Explanation*

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:11

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/043,639B

DATE: 01/04/2005

TIME: 11:21:13

Input Set : E:\CHEP004.APP.txt

Output Set: N:\CRF4\01042005\J043639B.raw

L:560 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:11, <213>
ORGANISM:Artificial Sequence
L:560 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:11, <213>
ORGANISM:Artificial Sequence
L:560 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11,Line#:560